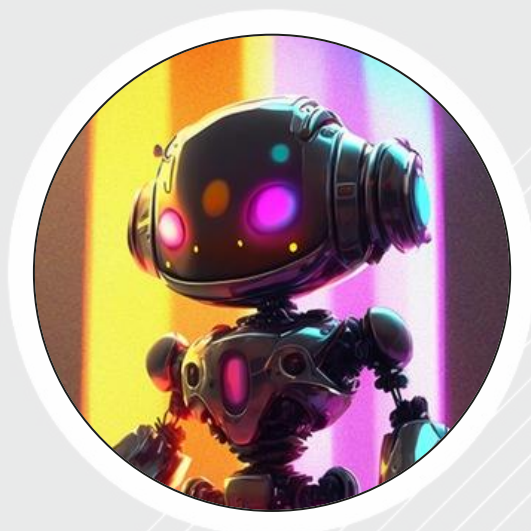




# SPYWOLF

## Security Audit Report



Completed on  
**April 20, 2023**

@SPYWOLFNETWORK



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SPYWOLF.CO





# OVERVIEW

This audit has been prepared for **Truth GPT** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

*The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal*

- SPYWOLF Team -

”





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# TRUTH GPT



## PROJECT DESCRIPTION

### **According to their website:**

Website is under construction, no info available at the time of audit.

**Release Date:** Presale starts in April, 2023

**Category:** Meme token



# CONTRACT INFO

Token Name  
Truth GPT

Symbol  
TRUTH

Contract Address

0x36ebc99182f03D9d7EEa9Ef64172fF15c0877cD6

Network

Binance Smart Chain

Language

Solidity

Deployment Date

Apr 18, 2023

Verified?

Yes

Total Supply

100,000,000

Status

Not launched

## TAXES

Buy Tax  
**10%**

Sell Tax  
**10%**

## Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

### Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



# TOKEN TRANSFERS STATS

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	100000000 TRUTH
Median Transfer Amount	100000000 TRUTH
Average Transfer Amount	100000000 TRUTH
First transfer date	2023-04-18
Last transfer date	2023-04-18
Days token transferred	1

# SMART CONTRACT STATS

Calls Count	1
External calls	1
Internal calls	0
Transactions count	1
Uniq Callers	1
Days contract called	1
Last transaction time	2023-04-18 15:54:16 UTC
Created	2023-04-18 15:54:16 UTC
Create TX	0x972f949f09b61a0002785c21e931c8ac6d734656fc001fc79c6434f1369143fe
Creator	0x331e2f01c690e5fad3873de82ecebf5ab7eddfd9



# VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed





# THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

## High Risk

---

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Medium Risk

---

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Low Risk

---

Issues on this level are minor details and warning that can remain unfixed.

## Informational

---

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.





# FOUND THREATS

## ⚠ High Risk

Owner can blacklist addresses.

Blacklisted addresses won't be able to buy/sell/transfer the token.

If the liquidity pair is blacklisted, blacklist will affect every holder except contract's owner.

```
function blockBots(address[] memory bots_) public onlyOwner {
    for (uint256 i = 0; i < bots_.length; i++) {
        bots[bots_[i]] = true;
    }
}

function _transfer(
    address from,
    address to,
    uint256 amount
) private {
    .....
    if (from != owner() && to != owner()) {

        require(amount <= _maxTxAmount, "TOKEN: Max Transaction Limit");
        require(!bots[from] && !bots[to], "TOKEN: Your account is blacklisted!");
        .....
    }
}
```

- Recommendation:
  - Considered as good practice is to exclude the liquidity pair from such restrictions and avoid blacklist in general.



# FOUND THREATS

## ⚠ High Risk

Owner can change max transaction limit without limitation. If set to 0, it will be impossible to buy/sell/transfer the token.

```
function setMaxTxnAmount(uint256 maxTxAmount) public onlyOwner {  
    _maxTxAmount = maxTxAmount;  
}
```

- Recommendation:
  - Considered as good practice is max transaction limit to be not less than 0.1% of total supply.



# FOUND THREATS

## ⚠ High Risk

Owner can change contract's auto swap settings.  
If swapEnabled is set to true and \_swapTokensAtAmount is set to 0 and contract's token balances are 0, selling will fail.

```
function toggleSwap(bool _swapEnabled) public onlyOwner {  
    swapEnabled = _swapEnabled;  
}  
  
function setMinSwapTokensThreshold(uint256 swapTokensAtAmount) public onlyOwner {  
    _swapTokensAtAmount = swapTokensAtAmount;  
}
```

- Recommendation:
  - Ensure that \_swapTokensAtAmount state variable is always above 1 token (consider token decimals).



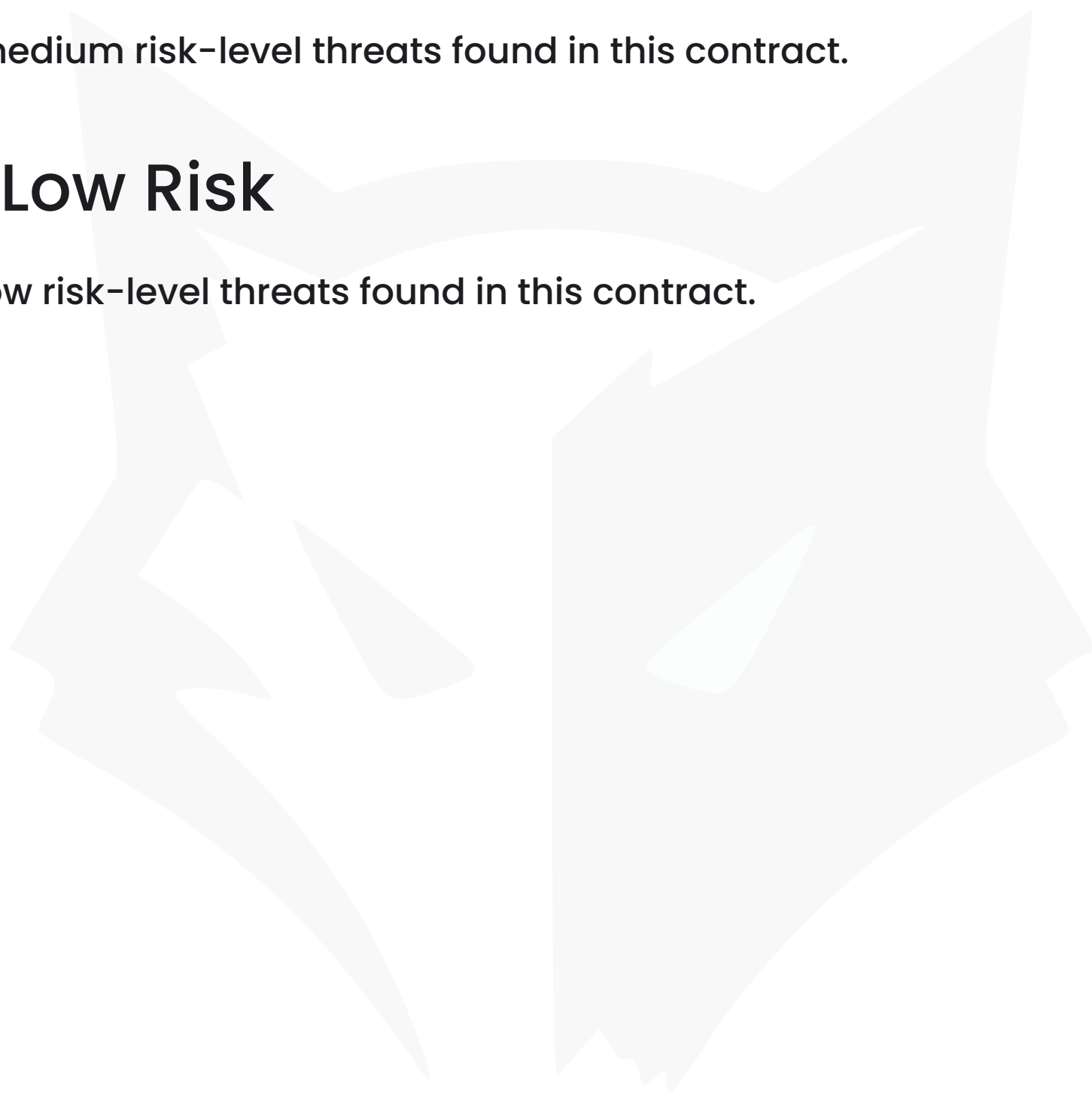
# FOUND THREATS

## Medium Risk

No medium risk-level threats found in this contract.

## Low Risk

No low risk-level threats found in this contract.





## Informational

Owner can exclude address from fees.

When address is excluded from fees, the user will receive the whole amount of the bought, sold and/or transferred tokens.

```
function excludeMultipleAccountsFromFees(address[] calldata accounts, bool excluded) public onlyOwner {  
    for(uint256 i = 0; i < accounts.length; i++) {  
        _isExcludedFromFee[accounts[i]] = excluded;  
    }  
}
```







RECOMMENDATIONS FOR

# GOOD PRACTICES

---

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

## Truth Gpt

GOOD PRACTICES FOUND

- ✓ The owner cannot mint new tokens after deployment
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



Currently there is no information about the initial tokens distribution on the project's whitepaper and/or website.

# TOKENOMICS



# THE TEAM

! The team is anonymous

## KYC INFORMATION

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





# WEBSITE

**Website URL**  
<https://officialtruthgpt.com/>

**Domain Registry**  
<https://www.namecheap.com>

**Domain Expiration**  
Expires on 2024-04-18

**Technical SEO Test**  
Passed

**Security Test**  
Passed. SSL certificate present

**Design**  
Under construction.

**Content**  
Under construction.

**Whitepaper**  
Under construction.

**Roadmap**  
Under construction.

**Mobile-friendly?**  
Under construction.



## officialtruthgpt.com

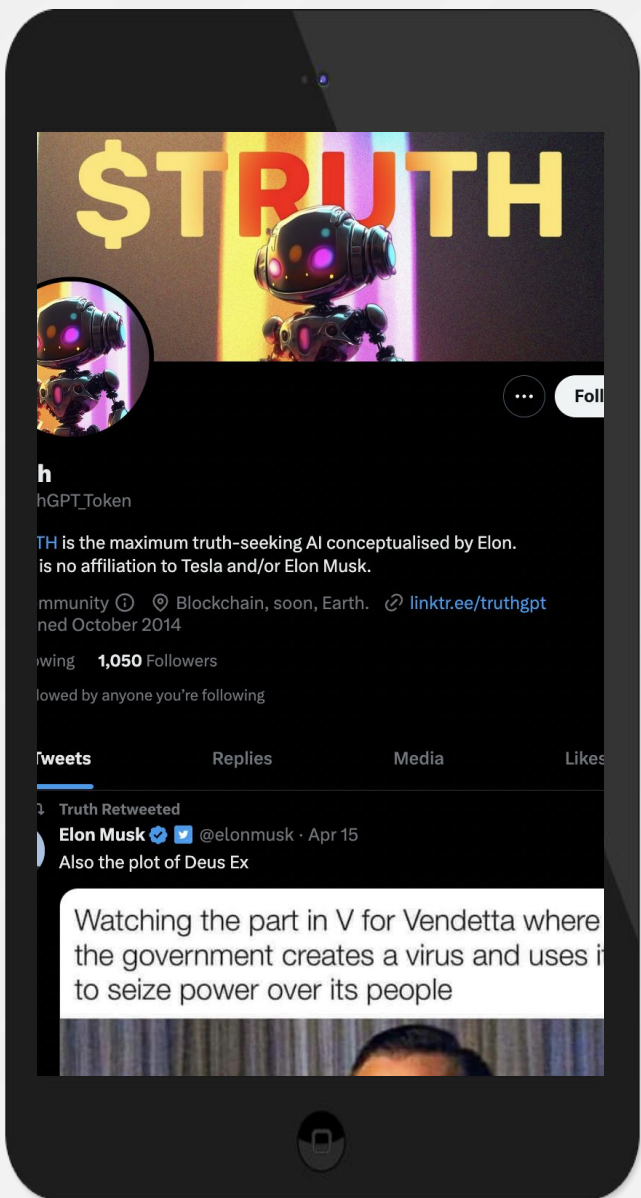
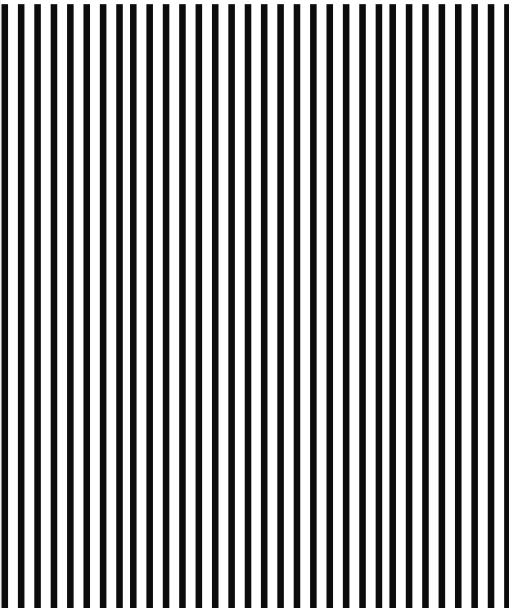


# SOCIAL MEDIA & ONLINE PRESENCE



## ANALYSIS

Project's social media  
pages are new



Twitter

@TruthGPT\_Token

- 1 050 followers
- 2 tweets



Discord

- Not available



Telegram

@TruthGPT\_Token

- 4 members
- No active members



Medium

- Not available





# SPYWOLF

## CRYPTO SECURITY

Audits | KYCs | dApps  
Contract Development

# ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 500 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

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[t.me/joe\\_SpyWolf](https://t.me/joe_SpyWolf)

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# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.